

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A housing for protecting a flat panel display and/or a backlight module, comprising:

a rear blade;

a front blade; and

a side blade extending between and connecting the front blade and the rear blade;

wherein ~~said~~ the side blade is integrated with and sandwiched between ~~said~~ the front blades ~~blade~~ and ~~said~~ the rear blades ~~blade~~ to form a linear frame having a cross-section in a shape of “Π”, and ~~said~~ the linear frame is ~~allowed to fold~~ folded to surround the partial or the whole edge of ~~said~~ the flat panel display and/or backlight module.

2. (Currently Amended) The housing as claimed in claim 1, wherein ~~said~~ the linear frame further ~~comprising~~ comprises at least a one binding unit on the surface of ~~said~~ the linear frame to fix together and close the two ends of ~~said~~ the linear frame.

3. (Currently Amended) The housing as claimed in claim 1, wherein ~~said~~ the rear blade or ~~said~~ the front blade has at least a one cut or a one gap.

4. (Currently Amended) The housing as claimed in claim 1, wherein the length of ~~said~~ the linear frame is not greater than the peripheral length of ~~said~~ the flat panel display and/or a backlight module.

5. (Currently Amended) The housing as claimed in claim 1, wherein ~~said~~ the linear frame has at least one opening for an electric cable connecting to ~~said~~ the flat panel display and/or ~~said~~ the backlight module.

6. (Currently Amended) The housing as claimed in claim 1, wherein the linear frame further ~~comprising~~ comprises at least one separate blade locating on the inner surface of said side blade.

7. (Currently Amended) The housing as claimed in claim 3, wherein ~~said~~ the cut is a V-cut.

8. (Currently Amended) The housing as claimed in claim 32, wherein ~~said~~ the binding unit is a combination of a hook and a groove.

9. (Currently Amended) The housing as claimed in claim 1, wherein ~~said~~ the flat panel display comprises a panel and a backlight module.

10. (Currently Amended) The housing as claimed in claim 1, wherein ~~said~~ the flat panel display is a liquid crystal display panel.

11. (Currently Amended) The housing as claimed in claim 1, wherein ~~said frame~~ the housing is made ~~by of~~ plastic or metal.

12. (Currently Amended) A flat panel display, comprising:

~~A~~ a display panel; and

~~A~~ a housing for protecting a flat panel display and/or a backlight module, comprising: a rear blade, a front blade, and a side blade extending between and connecting the front and rear blades, wherein ~~said~~ the side blade is integrated with and sandwiched by ~~said~~ the front ~~blades~~ blade and said rear ~~blades~~ blade to form a linear frame having a cross-section in a shape of “Π”, and ~~said~~ the linear frame is ~~allowed to fold~~ folded to surround the partial or whole edge of ~~said~~ the flat panel display and/or ~~a~~ the backlight module.

13. (Currently Amended) The flat panel display as claimed in claim 12, wherein ~~said~~ the linear frame further ~~comprising~~ comprises a binding unit on the surface of ~~said~~ the linear frame to fix together and close the two ends of ~~said~~ the linear frame.

14. (Currently Amended) The flat panel display as claimed in claim 12, wherein ~~said~~ the rear blade or ~~said~~ the front blade has a one cut or a one gap.

15. (Currently Amended) The flat panel display as claimed in claim 12, wherein the length of ~~said~~ the linear frame is not greater than the perimeter of ~~said~~ the flat panel display and/or a the backlight module.

16. (Currently Amended) The flat panel display as claimed in claim 12, wherein ~~said~~ the linear frame has at least one opening for ~~the~~ an electric cable connecting to ~~said~~ the flat panel display and/or ~~said~~ the backlight module.

17. (Currently Amended) The flat panel display as claimed in claim 12, wherein ~~said~~ the linear frame further ~~comprising~~ comprises at least one separate blade locating on the inner surface of ~~said~~ the side blade.

18. (Currently Amended) The flat panel display as claimed in claim ~~12~~ 14, wherein ~~said~~ the cut is a V-cut.

19. (Currently Amended) The flat panel display as claimed in claim ~~12~~ 13, wherein ~~said~~ the binding unit is a combination of a hook and a groove.

20. (Currently Amended) The flat panel display as claimed in claim 12, wherein ~~said~~ the flat panel display is a liquid crystal display panel.

21. (Currently Amended) A method for assembling a flat panel display, comprising the following steps:

- (A) providing a flat panel display and/or a backlight module, and a housing for protecting a the flat panel display and/or a the backlight module, comprising: a rear blade, a front blade, and a side blade extending between and connecting the front and rear blades, wherein ~~said~~ the side blade is integrated with and sandwiched by ~~said~~ the front ~~blades~~ blade and ~~said~~ the rear ~~blades~~ blade to form a linear frame having a cross-section in a shape of “Π”, and ~~said~~ the linear frame ~~is allowed to fold being folded~~ to surround the partial or whole edge of ~~said~~ the flat panel display and/or a the backlight module; and
- (B) folding or bending ~~said~~ the housing to surround at least part of the edge of ~~said~~ the flat panel display and/or the backlight module.

22. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the flat panel display comprises a panel and a backlight module.

23. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the linear frame further ~~comprising~~ comprises at least one separate blade locating on the inner surface of ~~said~~ the side blade.

24. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the linear frame further ~~comprising~~ comprises at least a one binding unit on the surface of ~~said~~ the linear frame to fix together and close the two ends of ~~said~~ the linear frame.

25. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the rear blade or ~~said~~ the front blade has at least a one cut or a one gap.

26. (Currently Amended) The method as claimed in claim 21, wherein the length of ~~said~~ the linear frame is not greater than the perimeter of ~~said~~ the flat panel display and/or a the backlight module.

27. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the linear frame has at least one opening for ~~the~~ an electric cable connecting to ~~said~~ the flat panel display and/or ~~said~~ the backlight module.

28. (Currently Amended) The method as claimed in claim ~~21~~ 24, wherein ~~said~~ the binding unit is a combination of a hook and a groove.

29. (Currently Amended) The method as claimed in claim 21, wherein ~~said~~ the flat panel display is a liquid crystal display panel.

30. (New) A housing for protecting a flat panel display, comprising:

a rear blade;

a front blade; and

a side blade extending between and integrated with the front blade and the rear blade,

wherein the side blade is transformable from a linear shape to a bent shape, the side blade extends substantially along a straight line when the side blade is in the linear shape, and the side blade is bent to form at least one angle when the side blade is in the bent shape;

whereby when the housing is used to protect the flat panel display, the side blade is in the bent shape and substantially extends along and covers at least two adjacent lateral edges of the flat panel display, the front blade is disposed in front of the flat panel display, and the rear blade is disposed behind the flat panel display.

31. (New) The housing as claimed in claim 30, wherein the side blade comprises a pair of locking mechanisms formed on the opposite ends of the side blade, and the pair of locking mechanisms engages with each other when the side blade is in the bent shape.

32. (New) The housing as claimed in claim 30, wherein the rear blade comprises a cut.

33. (New) The housing as claimed in claim 32, wherein the cut is V shaped, and the rear blade forms a continuous coverage on a rear surface of the flat panel display when the side blade is in the bent shape.

34. (New) The housing as claimed in claim 30, wherein the front blade comprises a cut.

35. (New) The housing as claimed in claim 34, wherein the cut is V shaped, and the front blade forms a continuous coverage on a front surface of the flat panel display when the side blade is in the bent shape.

36. (New) The housing as claimed in claim 30, further comprises at least one separate inner blade protruded from the side blade and extended between the front blade and the rear blade;

a first space formed between the inner blade and the front blade for receiving the flat panel display; and

a second space formed between the inner blade and the rear blade for receiving a light source.

37. (New) The housing as claimed in claim 30, wherein the side blade comprises at least one opening for an electric cable.